

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL****for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)**700.00****Complete if Known**

Application Number	10/813,550
Filing Date	March 31, 2004
First Named Inventor	Michael J. RYAN
Examiner Name	To Be Assigned
Art Unit	2838
Attorney Docket No.	2066.0380001

**METHOD OF PAYMENT (check all that apply)**☐ Check ☒ Credit card ☐ Money Order ☒ Other\*\* ☐ None☐ \*\*Charge any deficiencies or credit any overpayments in the fees to Deposit Acct. No. 19-0036.Deposit Account Number  
**19-0036**  
Deposit Account Name  
**Sterne, Kessler, Goldstein & Fox P.L.L.C.**

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☐ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	385.00
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$) <b>385.00</b>

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

	Total Claims	Extra Claims	Fee from below	Fee Paid
Total Claims	18	- 20 **= 0	X	0
Independent Claims	2	- 3 **= 0	X	0
Multiple Dependent				0

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$) <b>0</b>				

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	65.00
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	210.00
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**315.00****SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)	<b>Virgil L. Beaston</b>	Registration No. (Attorney/Agent)	<b>47,415</b>	Telephone	<b>(202) 371-2600</b>
Signature		Date	<b>9/27/04</b>		

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**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

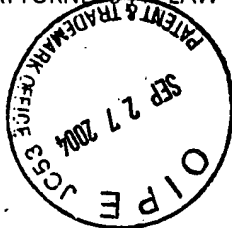
This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



**Sterne Kessler  
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\*Admitted only in Maryland  
\*Admitted only in Virginia  
•Practice Limited to  
Federal Agencies

September 27, 2004

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Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**Mail Stop Missing Parts**

Re: U.S. Patent Application  
Appl. No. 10/813,550; Filed March 31, 2004  
For: **System and Method for Pre-Charging the DC Bus of a Utility  
Connected Power Converter**  
Inventors: RYAN *et al.*  
Our Ref: 2066.0380001

Sir:

In reply to the "Notice to File Missing Parts of Application--Filing Date Granted," dated June 15, 2004, Applicants submit the following documents for appropriate action by the U.S. Patent and Trademark Office:

1. Petition for Extension of Time under 37 C.F.R. § 1.136(a)(1);
2. PTO Fee Transmittal Form PTO/SB/17;
3. Copy of the Notice to File Missing Parts;
4. Original Declaration, signed by inventors Michael J. Ryan, Mark G. Gilbreth and Simon R. Wall;
5. Original Declaration signed by Kenneth W. Keller;
6. Recordation Form Cover Sheet (PTO-1595);
7. Original Assignment signed by inventors Michael J. Ryan, Mark G. Gilbreth and Simon R. Wall;
8. Original Assignment signed by inventor Kenneth W. Keller;
9. Return postcard; and

Commissioner for Patents  
September 27, 2004  
Page 2

10. PTO-2038 Credit Card Payment Form for \$700.00 to cover:  
\$ 385.00 Filing Fee for Patent Application;  
\$210.00 Two (2) Months Extension of time fees;  
\$ 65.00 Surcharge for Late Filing Fee or Declaration; and  
\$ 40.00 Recordation Fee for Assignment.

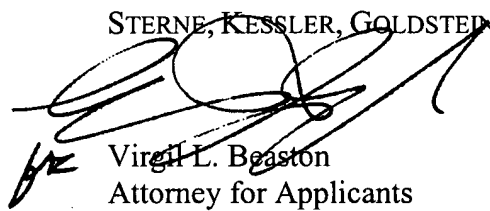
Applicant claims small entity status (37 C.F.R. § 1.27).

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. If extensions of time under 37 C.F.R. § 1.136 other than those otherwise provided for herewith are required to prevent abandonment of the present patent application, then such extensions of time are hereby petitioned, and any fees therefor are hereby authorized to be charged to our Deposit Account No. 19-0036.

Respectfully submitted,

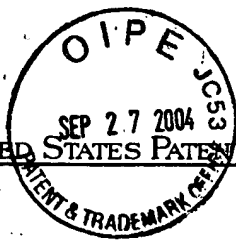
STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Virgil L. Beaton  
Attorney for Applicants  
Registration No. 47,415

VLB/mhd  
Enclosures

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IFW

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/813,550	03/31/2004	Michael J. Ryan	2066.0380001

CONFIRMATION NO. 4096

26111  
 STERNE, KESSLER, GOLDSTEIN & FOX PLLC  
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 WASHINGTON, DC 20005

## FORMALITIES LETTER



\*OC000000012947327\*

Date Mailed: 06/15/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$900** for a Large Entity

- **\$770** Statutory basic filing fee.
- **\$130** Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria VA 22313-1450

09/28/2004 CCHAUI 00000106 10813550

01 FC:2001 385.00 OP  
 02 FC:2051 65.00 OP

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*A copy of this notice **MUST** be returned with the reply.*

*Al. Pestay*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE